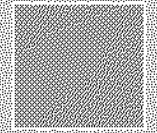




USCOM



## Paediatrics expert presents USCOM

Wednesday, November 18, 2004: USCOM Ltd (ASX Code: UCM) today released a presentation of the USCOM technology delivered this week to a conference on children's medicine in Europe.

The presentation was made by Dr Joe Brierley from the Intensive Care Department of the Great Ormond Street Hospital in London to the Federation of the European Association of Paediatric Anaesthesia (FEAPA) in Madrid, Spain.

In his presentation, titled "*The Importance of Cardiac Output Monitoring in Paediatric Management*", Dr Brierley described the work he and his colleagues at Great Ormond Street had been conducting with USCOM in the retrieval and management of sick and injured children.

The first results of this work were presented in September to an international conference in London, hosted by the European Society of Paediatric and Neonatal Intensive Care.

The Great Ormond Street team has used USCOM in the retrieval of patients ranging in age from 6 months to 12 years, with low variability in the measurement of Cardiac Index from four separate readings in each case.

Dr Brierley said in his presentation that cardiac output was more important than blood pressure in the management of patients in shock and that clinical estimates of cardiac output are often wrong. He said '*USCOM is re-drawing the map of cardiac output monitoring*' and concluded the USCOM device was portable, robust and proven to be accurate among adults, with accuracy among paediatric patients subject to further studies, currently underway.

Dr Brierley said the principle benefits of a system such as USCOM included:

- Early warning monitoring
- Rational fluid & drug administration
- Decreased procedural complications
- "Smart Resuscitation", i.e. Early Goal Directed Therapy
- Prospect of outcome modification

The Chief Executive of USCOM, Mr Gary Davey said today, "*Dr Brierley's presentation confirms an important role for USCOM in the early intervention in patient management, especially in optimising fluids and drug therapy. This is where many lives can be saved, right at the front line of patient care.*"